



FAGOR AUTOMATION

ENCODER ANGULAR MODELO: H2AD-D200

ANGULAR ENCODER MODEL: H2AD-D200

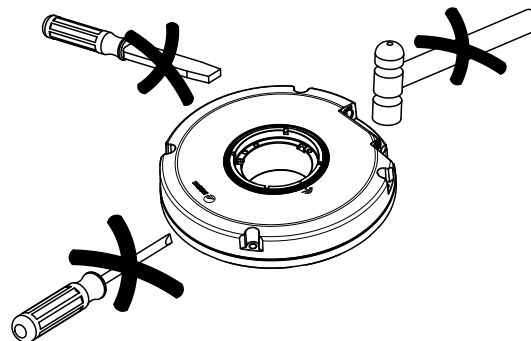
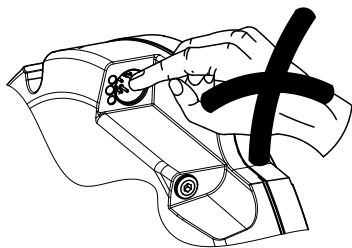
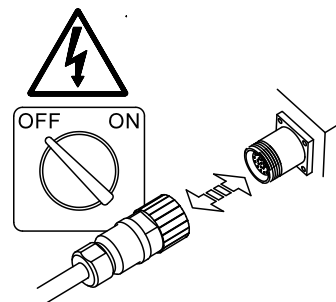
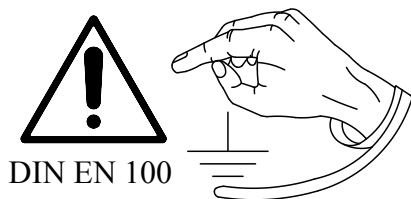
MANUAL DE INSTALACION / *INSTALLATION MANUAL*

Manual Code: 14460274

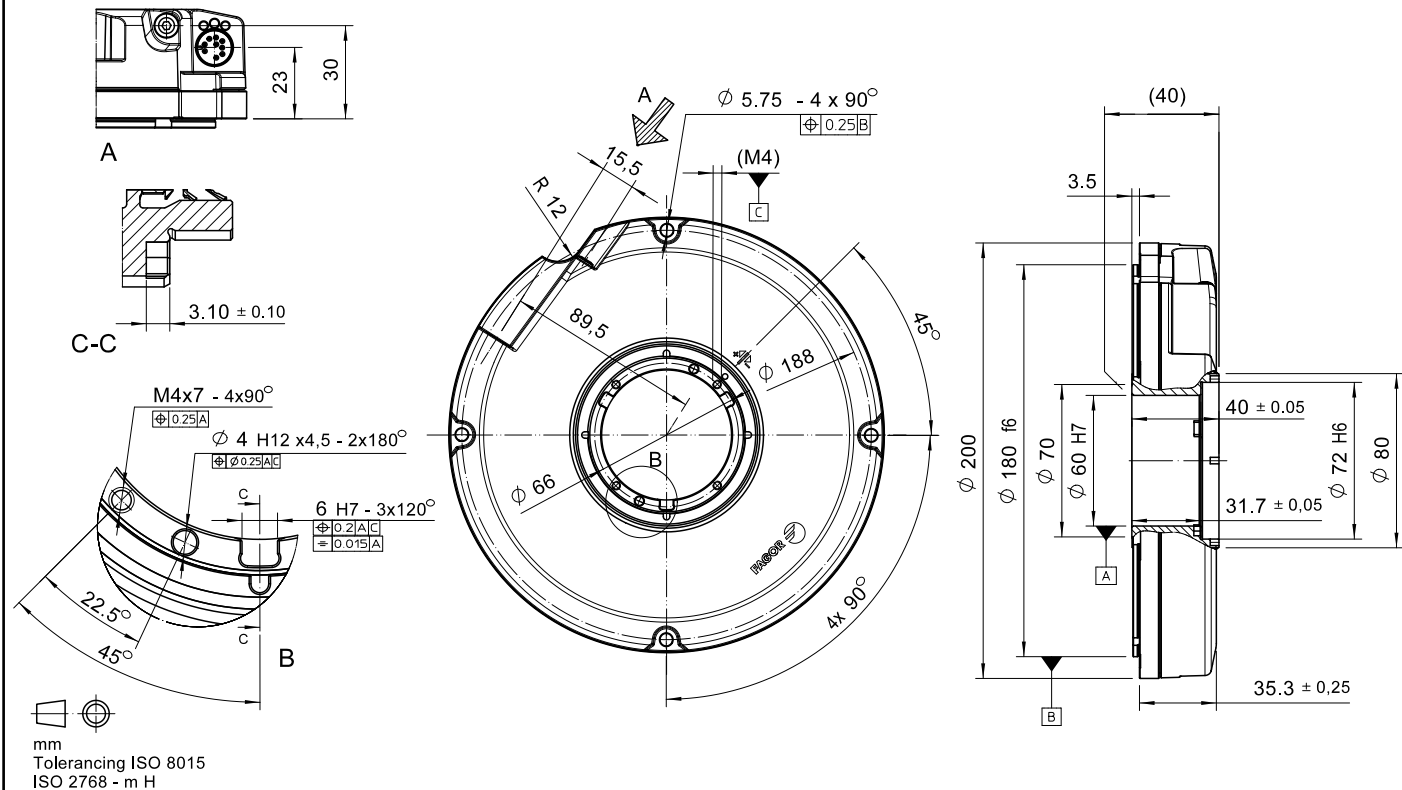
Manual Version: 1909



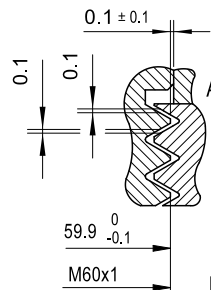
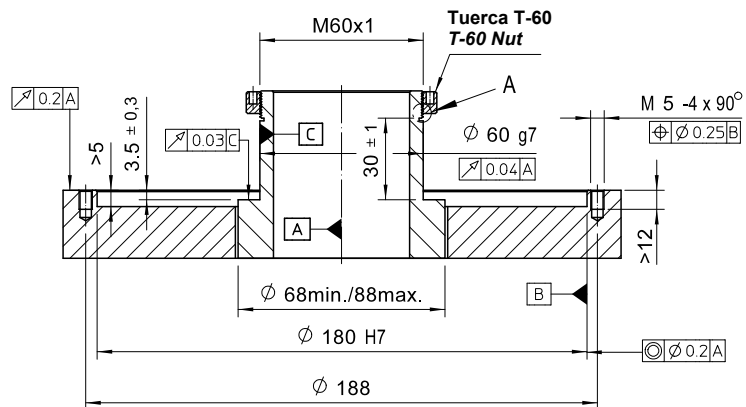
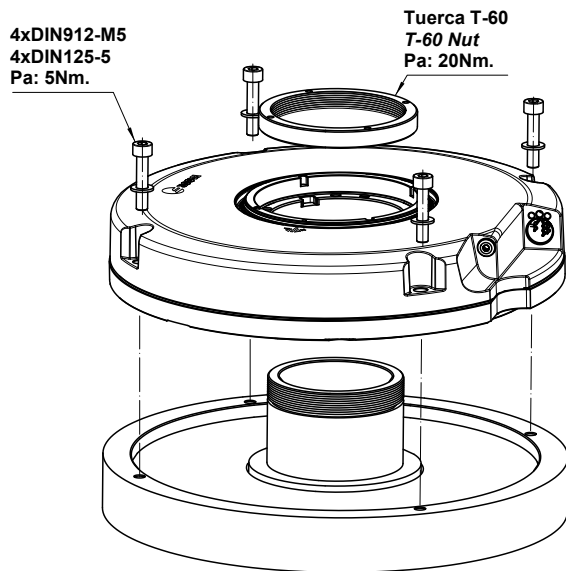
Precaución / Caution



Dimensiones / Dimensions



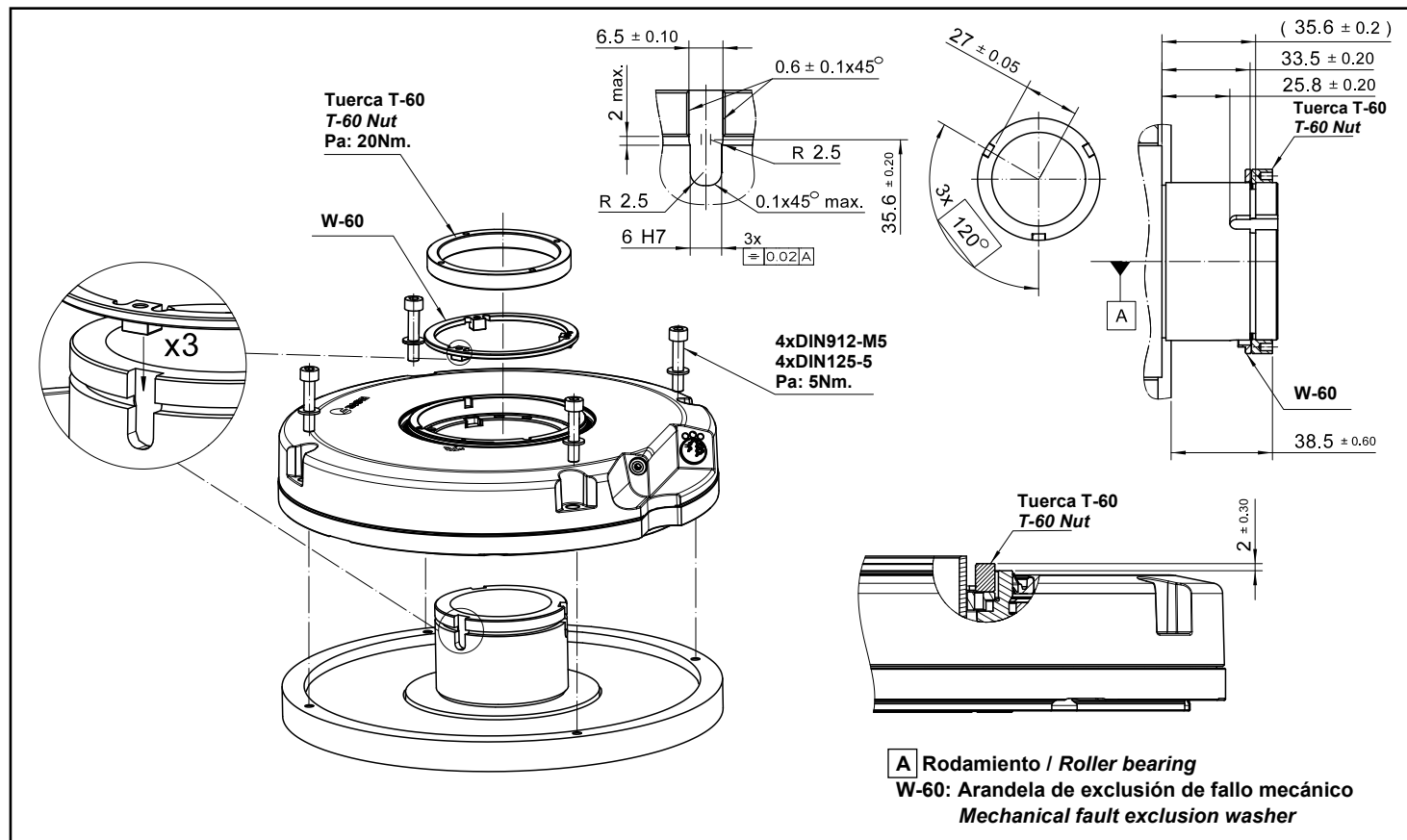
Posibilidades de montaje / Mounting possibilities

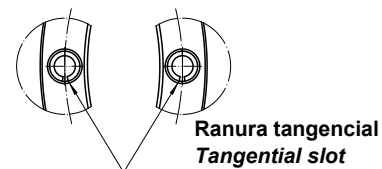
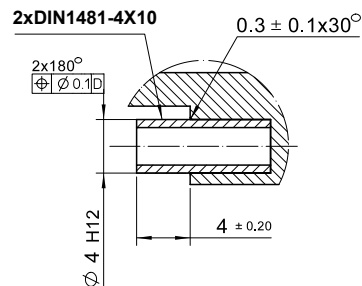
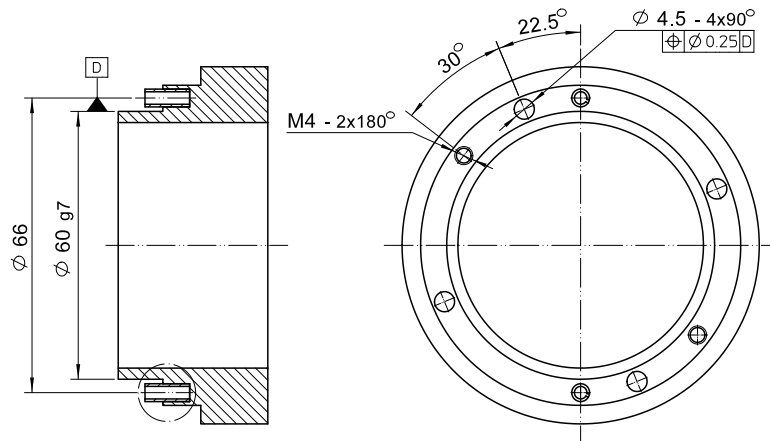
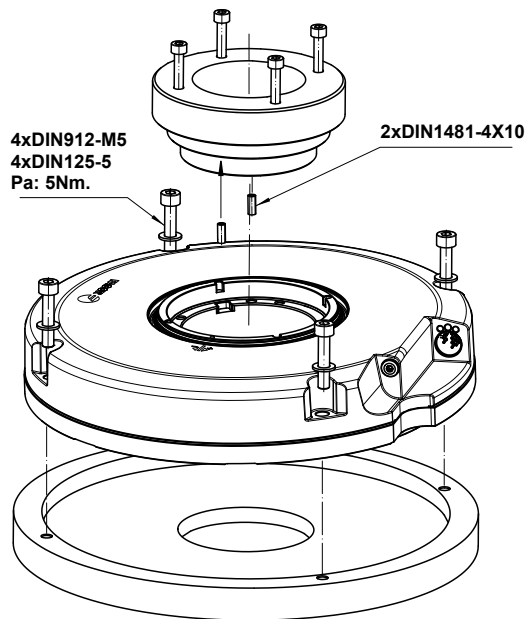


A Rodamiento / Roller bearing

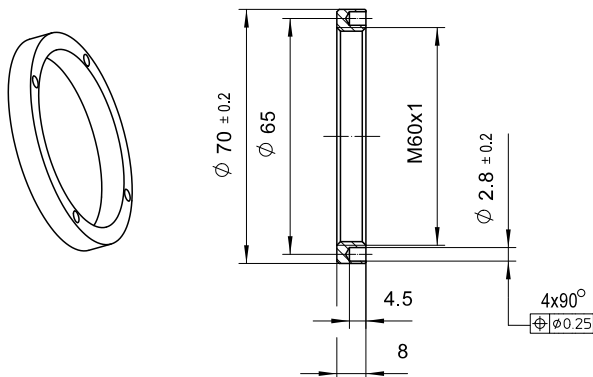
Pa = par de apriete / tightening torque

Opción exclusión de fallo mecánico / Option mechanical fault exclusion

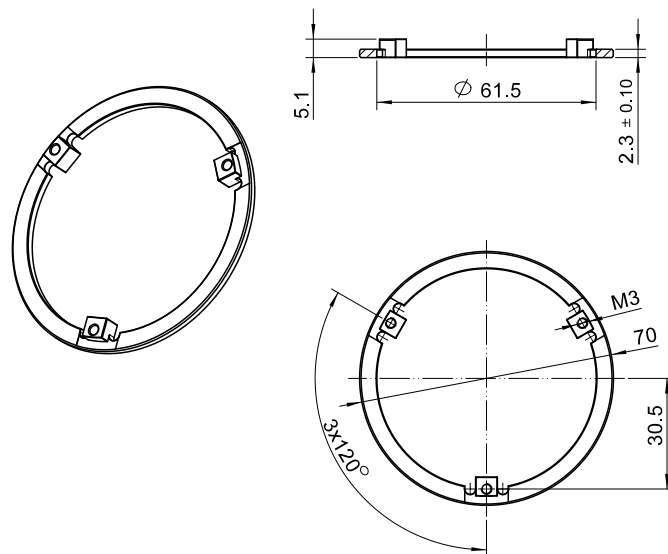




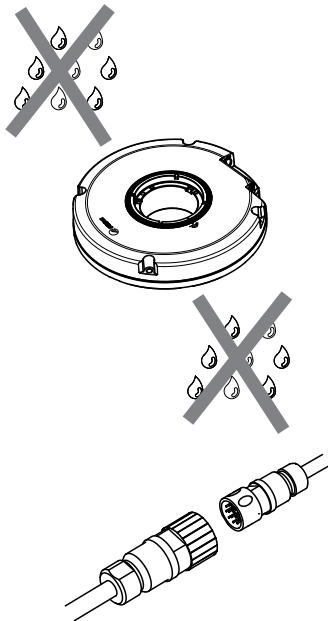
Tuerca T-60 / T-60 Nut
(Cod: 82620151)



Arandela de exclusión de fallo mecánico W-60
W-60 Mechanical fault exclusion washer
(Cod: 82620156)

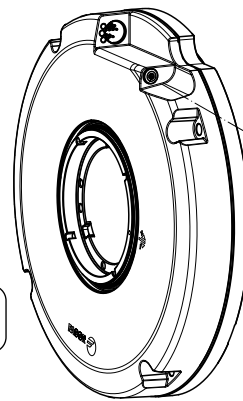
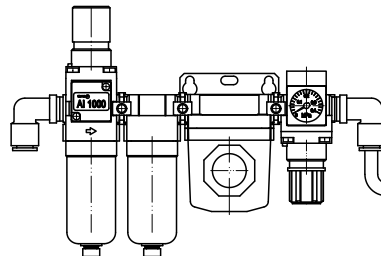


Máximo grado de protección IP 64
Maximum IP Code IP 64



Para grado de protección > IP 64
For IP Code > IP 64

Unidades de Filtro de Aire Fagor
Fagor Air Filter Units



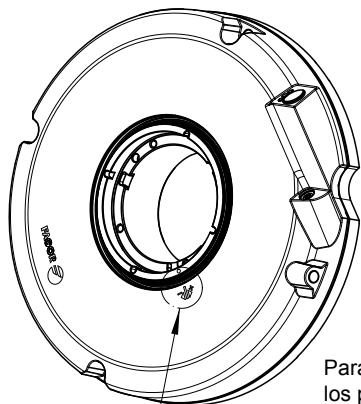
Pa = 1 Nm
SW 8

Cod.: 82620173

Para > IP 64
For > IP 64

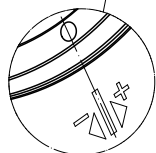
1 bar / 14.5 psi / 0.1 MPa
1-4 l/min
Calidad aire: clase 1.4.1.
Air quality: class 1.4.1.
ISO 8573-1

(SW) Tamaño de la llave hexagonal / *Size of Allen wrench*



Para instalar el encoder en la posición 0° girar el eje hasta alinear los puntos marcados en el eje y cuerpo.

For installing the encoder on the 0° position turn the shaft and align the marks on the shaft and body.

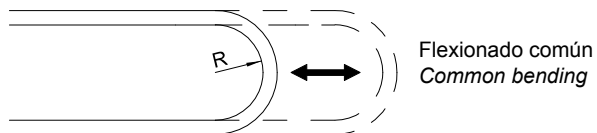
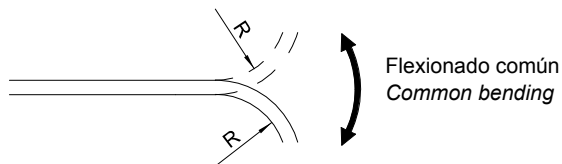
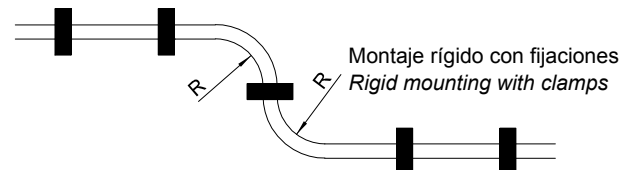


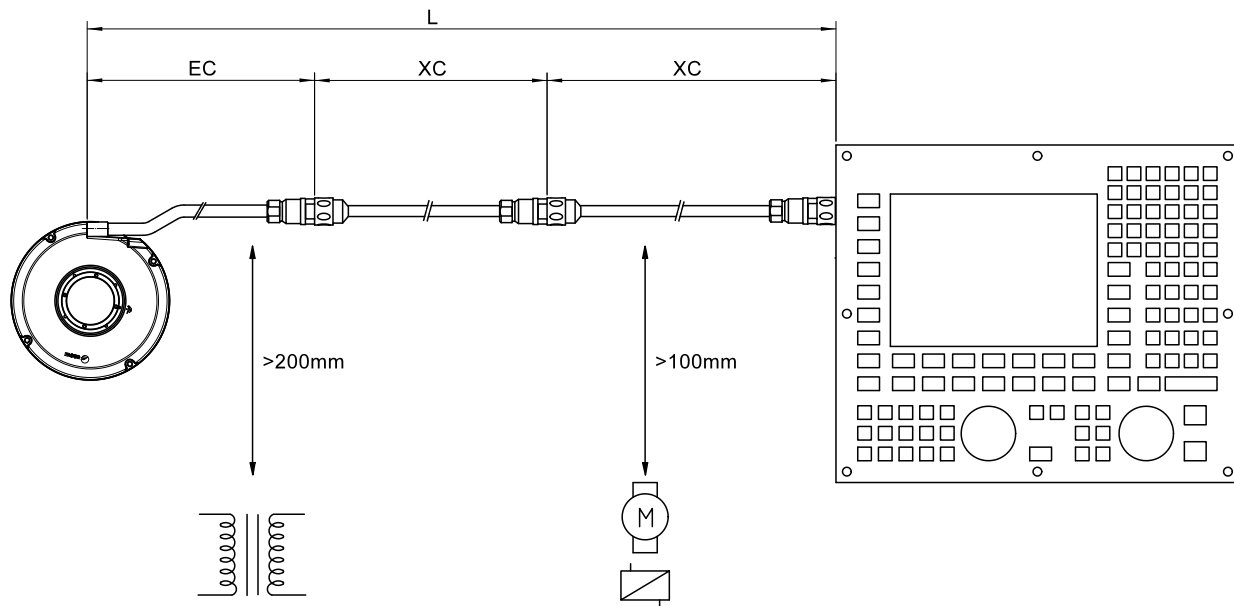
$\pm 5^\circ$

Sentido de contaje
Counting direction

Características eléctricas / *Electrical characteristics*

	H2AD-27-D200	H2AD-29-D200
Alimentación / <i>Power supply</i>	5 V (3.6...5,25), 250 mA	
Resolución / Número posiciones por vuelta	27 bits	29 bits
<i>Resolution / Number of positions per turn</i>	(134 217 728)	(536 870 912)
Longitud del cable / <i>Cable length</i>	100 m / 328 ft	
Radio de curvatura / <i>Bending radius</i>		
	Rígido / <i>Rigid</i>	Flexible
Φ 6 mm	> 24 mm	> 60 mm
Φ 10 mm (con protección) / (<i>with protection</i>)	> 35 mm	> 60 mm
Φ 8 mm	> 50 mm	> 64 mm





Cables para conexión de encoders absolutos Fagor FeeDat

Cables for connection of Fagor FeeDat absolute encoders

Conexión directa Cable EC

Direct connection EC cable

EC-PA-O Longitud / *length* = 1, 3, 6, 9 m

Conexión con alargadera

Connection with extension cable

(4 x 2 x 0.14 mm² + 4 x 0.5 mm²)

Cable EC

Alargadera intermedia opcional XCint
Intermediate extension cable optional XCint

Alargadera XC / *Extension cable XC*

EC-B-C9 Longitud / *length* = 1, 3 m

XC-C8-F-C9 Longitud / *length* = 5, 10, 15, 20, 25 m

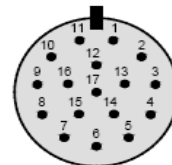
XC-C8-O Longitud / *length* = 5, 10, 15, 20, 25 m

EC -...B - C9	Conector circular 17 macho / <i>17-pin male round connector</i>								
PIN	14	17	8	9	7	1	10	4	Carcasa / <i>Housing</i>
SEÑAL SIGNAL	DATA	/DATA	REQ	/REQ	+5V	+5V sensor	0V	0V sensor	Tierra / <i>Ground</i>
COLOR	Gris <i>Grey</i>	Rosa <i>Pink</i>	Negro <i>Black</i>	Violeta <i>Purple</i>	Marrón <i>Brown</i>	Verde claro <i>Light green</i>	Blanco <i>White</i>	Naranja <i>Orange</i>	Malla / <i>Shield</i>

EC -...PA - O	Sin conector / <i>without connector</i>						
SEÑAL SIGNAL	DATA	/DATA	REQ	/REQ	+5V	0V	Tierra / <i>Ground</i>
COLOR	Verde <i>Green</i>	Amarillo <i>Yellow</i>	Azul <i>Blue</i>	Rojo <i>Red</i>	Marrón + gris <i>Brown + grey</i>	Blanco + rosa <i>White +pink</i>	Malla / <i>Shield</i>



EC - ...B - C9



Condiciones de garantía / *Warranty terms*

Las condiciones de garantía de este producto están disponibles en la zona de descargas del sitio web corporativo de FAGOR.

<http://www.fagorautomation.com>. (Tipo de fichero: Condiciones generales de venta-Garantía).

The warranty conditions for this product are available in the downloads section of FAGOR's corporate website at <http://www.fagorautomation.com>.

(Type of file: General Terms and Conditions of Purchase - Warranty).

Declaración de conformidad / *Declaration of conformity*

La declaración de conformidad de este producto está disponible en la zona de descargas del sitio web corporativo de FAGOR.

<http://www.fagorautomation.com>. (Tipo de fichero: Declaración de conformidad).

The declaration of conformity for this product is available in the downloads section of FAGOR'S corporate website at <http://www.fagorautomation.com>.

(Type of file: Declaration of conformity).

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